

PATENT
Docket No.: 19603/3541 (CRF D-2694A)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Hyman et al.)
Serial No. : 10/001,643)
Cnfrm. No. : 2817)
Filed : October 31, 2001)
For : *IN VIVO MULTIPHOTON DIAGNOSTIC*)
DETECTION AND IMAGING OF A)
NEURODEGENERATIVE DISEASE)

Examiner:
Unknown

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97-1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed 63 references listed on the attached PTO-1449 form.

Pursuant to 37 CFR § 1.97(b)(3), no fee is required. Should it be determined that a fee is required, the Commissioner is authorized to charge any additional fee to Deposit Account No. 14-1138.

Respectfully submitted,



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<p>Certificate of Mailing - 37 CFR 1.8(a)</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450, on the date below.</p> <p><i>May 7, 2003</i> <i>Jo Ann Whalen</i> Date Jo Ann Whalen</p>	
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 19603/3541 (CRF D-2694A)	SERIAL NO. 10/001,643
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Hyman et al.	JUL 28 2005 PTENT & TRADEMARK OFFICE GPO
(use several sheets if necessary) (PTO-1449)		FILING DATE October 31, 2001	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	5,034,613	07/23/91	Denk et al.			
	2	5,115,137	05/19/92	Andersson-Engels, et al.			
	3	5,353,790	10/11/94	Jacques et al.			
	4	5,421,337	06/06/95	Richards-Kortum et al.			
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		11	Tromberg et al., "Optical Fiber Fluoroprobes for Biological Measurements," <i>Applied Spectroscopy</i> 38(1):38-42 (1984)
		12	Dinkel et al., "Remote Two-Photon Excited Fluorescence Sensing in a Simulated Fermentation Broth," <i>Analytica Chimica Acta</i> 263:131-136 (1992)
		13	Williams et al., "Mucosal Mast Cell Secretion Processes Imaged Using Three-Photon Microscopy of 5-Hydroxytryptamine Autofluorescence," <i>Biophysical Journal</i> 76:1835-1846 (1999)
		14	Xu et al., "Multiphoton Excitation of Molecular Fluorophores and Nonlinear Laser Microscopy," in Lakowicz, ed., <i>Topics in Fluorescence Spectroscopy</i> Vol. 5, New York, New York: Plenum Press, pp. 471-540 (1997)
		15	Shear et al., "Multiphoton-Excited Visible Emission by Serotonin Solutions," <i>Photochemistry and Photobiology</i> 65(6):931-936 (1997)
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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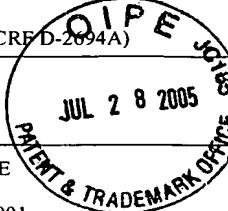
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		17	Maiti et al., "Measuring Serotonin Distribution in Live Cells with Three-Photon Excitation," <u>Science</u> 275:530-532 (1997)
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		23	Webb et al., "Multiphoton Fluorescence Correlation Spectroscopy with Single Molecules in Living Cells," 4 th International Weber Symposium on Innovative Fluorescence Methodologies in Biochemistry and Medicine (1999) (Abstract)
		24	Nichols et al., "Visualization of Mitochondria Via Two-Photon Microscopy of NADH: Identifying Conditions that Maintain Cell Viability," <u>Biophysics Journal</u> 76:A9 (1999) (Abstract)
		25	Nichols et al., "Identification of the Principle Sources of Two-Photon Autofluorescence From HeLa Cell Monolayers," <u>Biophysics Journal</u> 72:A346 (1997) (Abstract)

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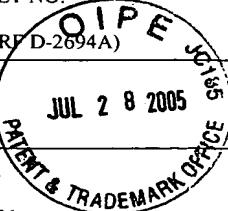
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	26	Williams et al., "Three-Photon Excitation Imaging of Serotonin Secretion by RBL-2H3 Cells," <u>Biophysics Journal</u> 72:A156 (1997) (Abstract)
	27	Xu et al., "Multiphoton Excitation of Molecular Fluorophores and Native Biological Absorbers," <u>Biophysics Journal</u> 72:A90 (1997) (Abstract)
	28	Shear et al., "Multiphoton-Excited Photochemistry Yields Visible Emission from Serotonin," <u>Biophysics Journal</u> 72:A346 (1997) (Abstract)
	29	Xu et al., "Multiphoton Excitation of Fluorophores in Nonlinear Laser Microscopy," <u>OSA Annual Meeting/ILS-XII/Optics & Imaging in the Information Age Advance Program</u> p. 158 (1996) (Abstract)
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		50	Helmchen et al., "A Miniaturized Two-Photon Fiber-Scanning Microscope for <i>In Vivo</i> Imaging," Society for Neuroscience Vol. 25:Abstract 322.1 (1999) (abstract)
		51	Glanzmann et al., "Time-Resolved Spectrofluorometer for Clinical Tissue Characterization During Endoscopy," <u>Review of Scientific Instruments</u> 70(10):4067-4077 (1999)
		52	Arendt et al., "Investigation of Early Cancerous Changes in Bladder Tissue by Autofluorescence," Proceedings - 19 th International Conference - IEEE/EMBS pp. 2290-2293 (1997)
		53	Zonios et al., "Morphological Model of Human Colon Tissue Fluorescence," <u>IEEE Transactions on Biomedical Engineering</u> 43(2):113-122 (1996)
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